

What is claimed is:-

1. A solar shading louvre comprising two spaced light transmissible sheets, a light transmissible redirecting layer positioned between the light transmissible sheets,  
5 and a cured cold pour resin by which the light transmissible redirecting layer is fixed relative to the light transmissible sheets, the cold pour resin including an inhibitor that prevents or inhibits an adverse reaction between the cold pour resin and the light transmissible redirecting layer.
- 10 2. A louvre as claimed in claim 1, wherein the cold pour resin is a solution of thermosetting resin and styrene.
3. A louvre as claimed in claim 2, wherein the cold pour resin is Uniguard<sup>RTM</sup> 0518 resin.
- 15 4. A louvre as claimed in claim 1, wherein the cold pour resin includes a priming agent for assisting bonding of the cold pour resin to the light transmissible sheets.
5. A louvre as claimed in claim 4, wherein the priming agent is gamma-  
20 methacryloxypropyltrimethoxysilane.
6. A louvre as claimed in claim 1, wherein the cold pour resin includes a curing agent.
7. A louvre as claimed in claim 6, wherein the curing agent is

methylethylketoneperoxide.

8. A louvre as claimed in claim 1, wherein the inhibitor is a solution of vinyltrimethoxysilane, methanol and ethyltrimethoxysilane.

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9. A louvre as claimed in claim 1, wherein the light transmissible sheets are glass.

10. A louvre as claimed in claim 9, wherein the glass is toughened glass.

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11. A louvre as claimed in claim 1, further comprising solar control by which reflectivity of incident light and solar gain can be controlled.

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12. A louvre as claimed in claim 11, wherein the solar control is in the form of a body tint formed as part of each light transmissible sheet, the body tint reflecting a portion of incident light and absorbing a portion of incident heat energy.

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13. A louvre as claimed in claim 1, wherein the light transmissible redirecting layer is Serraglaze<sup>RTM</sup>.

14. A louvre as claimed in claim 1, wherein the edges of the light transmissible redirecting layer are sealed to prevent moisture absorption and/or discharge.

15. Solar shading having a plurality of louvres each comprising two spaced light

transmissible sheets, a light transmissible redirecting layer positioned between the light transmissible sheets, and a cured cold pour resin by which the light transmissible redirecting layer is fixed relative to the light transmissible sheets, the cold pour resin including an inhibitor that prevents or inhibits an adverse reaction between the cold pour resin and the light transmissible redirecting layer.

16. Solar shading as claimed in claim 15, wherein the louvers are angularly displaceable.

17. Solar shading as claimed in claim 15, wherein the louvers are fixed.

18. Solar shading as claimed in claim 15, wherein the solar shading is mounted on the exterior of a building.

19. A method of forming a solar shading louvre, comprising the steps of:

a) positioning a light transmissible redirecting layer in a cavity between two light transmissible sheets;

b) injecting a cold pour resin having an inhibitor into the cavity to seal the light transmissible redirecting layer between the two light transmissible sheets,

wherein the inhibitor prevents or inhibits an adverse reaction between the cold pour resin and the light transmissible redirecting layer.

20. A method as claimed in claim 19, further comprising a step (c) prior to step (a) of creating a peripheral seal between the light transmissible sheets, the peripheral seal including at least one pour opening.

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21. A method as claimed in claim 20, further comprising a step (d) subsequent to the step (b) of sealing the or each pour opening.

22. A method as claimed in claim 19, wherein the cold pour resin also includes a curing agent to accelerate curing and a priming agent to assist bonding to the light transmissible sheets.

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23. A method as claimed in claim 19, further comprising a step (e) prior to step (a) of heating and sealing the edges of the light transmissible redirecting layer.

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24. A method as claimed in claim 19, wherein the inhibitor is a solution of vinyltrimethoxysilane, methanol and ethyltrimethoxysilane.